

LISTING OF CLAIMS:

Claims 1-20 are pending in this application. Claims 1-3, 5, 6, 9, 13, 14, 15, 17 and 20 are herein amended and claims 4, 7, 8, 18 and 19 are canceled without prejudice or disclaimer.

The following listing of claims will replace all prior versions, and listings, of claims in the application.

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1. (Currently Amended) An image sensing apparatus having an image sensing means sensor for sensing a subject image formed on an image sensing plane and outputting an image signal corresponding to the subject image, comprising:

a display unit adapted to display the subject image and a frame which shows a photometric zone superimposed on the subject image;

a zone selecting means for selecting an arbitrary zone on the image sensing plane for which exposure setting is desired in a state that said image sensing means is sensing the subject image unit used for changing at least either the position or size of the frame displayed on said display unit;

an exposure detection means for detecting unit adapted to detect an exposure condition corresponding to that of an image signal in said arbitrary photometric zone selected by said zone selection means selecting unit;

an exposure control means for controlling exposure to correspond unit adapted to determine control parameters corresponding to the detected exposure condition and control exposure in accordance with the control parameters;

memory means for storing adapted to store the control parameters outputted by said

exposure control means, ~~the memory means configured to store the control parameters~~ unit when an exposure control processing by said exposure control means unit is completed and an optimum exposure control state for the selected photometric zone is obtained; and

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a control means for controlling unit adapted to control said exposure control means unit to maintain an exposure control state corresponding to the control parameters stored in said memory means in the state that the control parameters corresponding to the optimum exposure control state is stored in said memory means.

2. (Currently Amended) The apparatus according to claim 1, wherein if the control parameters are outside a prescribed range, said memory means selects an upper-limit or a lower-limit of the prescribed range of control parameters as the control parameters.

3. (Currently Amended) ~~An~~ The image sensing apparatus according to claim 1 having image sensing means for sensing a subject image formed on an image sensing plane and outputting an image signal corresponding to the subject image, further comprising:

~~zone-selecting means for selecting an arbitrary zone on the image sensing plane for which exposure setting is desired in a state that said image sensing means is sensing the subject image;~~

~~exposure detection means for detecting an exposure condition corresponding to that of an image signal in said arbitrary zone selected by said zone selection means;~~

~~exposure control means for controlling exposure to correspond to the detected exposure condition;~~

~~memory means for storing control parameters outputted by said exposure control means, the memory means configured to store the control parameters when an exposure control processing by said exposure control means is completed and an optimum exposure control state~~

for the selected zone is obtained;

~~control means for controlling said exposure control means to maintain an exposure control state corresponding to the control parameters stored in said memory means in the state that the control parameters corresponding to the optimum exposure control state is stored in said memory means; and~~

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a selected-zone detection ~~means for determining~~ unit adapted to determine whether the image signal captured by said image sensing means sensor contains said photometric zone upon elapse of a prescribed period of time, and outputting a signal for resetting control parameters in said memory means if the captured image signal is not contained in said photometric zone.

4. (Canceled.)

5. (Currently Amended) The apparatus according to claim 3 1, further comprising a selecting ~~means for allowing~~ unit adapted to allow a photographer to select whether maintenance of exposure by said memory means is to be reset or not.

6. (Currently Amended) ~~An~~ The image sensing apparatus according to claim 1 having image sensing means for sensing a subject image formed on an image sensing plane and outputting an image signal corresponding to the subject image, further comprising:

~~zone selecting means for selecting an arbitrary zone on the image sensing plane for which exposure setting is desired in a state that said image sensing means is sensing the subject image;~~

~~exposure detection means for detecting an exposure condition corresponding to that of an image signal in said arbitrary zone selected on the basis of the image signal;~~

~~exposure control means for controlling an exposure to correspond to the detected exposure condition;~~

~~first memory means for storing control parameters outputted by said exposure control means, the memory means configured to store the control parameters when an exposure control processing by said exposure control means is completed and an optimum exposure control state for the selected zone is obtained;~~

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~~control means for controlling said exposure control means to maintain an exposure control state corresponding to the control parameters stored in said first memory means in the state that the control parameters corresponding to the optimum exposure control state is stored in said first memory means;~~

~~second memory means for storing adapted to store a video signal of said photometric zone; and~~

~~detection means for determining a detector adapted to determine whether a zoomed image signal captured by said image sensing means sensor contains the video signal of said photometric zone stored in said second memory means, and outputting output a signal for resetting the control parameters in said first memory means if the captured image signal is not contained in said photometric zone.~~

7. (Canceled.)

8. (Canceled.)

9. (Currently Amended) An image sensing apparatus having a display means unit for displaying an image signal sensed by an image sensor, comprising:

a superimposing unit adapted to superimposing a frame which shows a photometric zone on the subject image displayed on the display unit;

~~a pointing device for selecting an arbitrary zone in a screen displayed by said display~~

~~means for which exposure setting is desired in a state that said image sensing means is sensing the subject image used for changing at least either the position or size of the frame displayed on said display unit;~~

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~~an adjusting means for applying unit adapted to apply~~ a prescribed adjustment to an image signal of said ~~arbitrary~~ photometric zone selected by said pointing device;

memory ~~means for storing~~ used to store adjusting data outputted by said adjusting ~~means~~ unit; and

a control ~~means for storing unit adapted to store~~ the adjusting data in said memory ~~means~~ when adjustment by said adjusting ~~means~~ unit is completed and a prescribed state is obtained, and ~~for controlling control~~ said adjusting ~~means~~ unit to maintain the prescribed state corresponding to the adjusting data stored in said memory ~~means~~.

10. (Original) The apparatus according to claim 9, wherein said pointing device is a line-of-sight detecting device for detecting position of a photographer's line of sight directed toward the screen.

11. (Original) The apparatus according to claim 9, wherein said pointing device is a mouse.

12. (Original) The apparatus according to claim 9, wherein said pointing device is a track ball.

13. (Currently Amended) The apparatus according to claim 9, wherein said adjusting ~~means~~ unit adjusts exposure of the image sensing device by adjusting f-stop, a shutter and gain.

14. (Currently Amended) The apparatus according to claim 9, wherein when adjustment by said adjusting ~~means~~ unit has attained a prescribed state, said control ~~means~~ unit

has attained a prescribed state, said control ~~means~~ unit maintains the state of adjustment prevailing at this time.

15. (Currently Amended) The apparatus according to claim 9, further comprising selecting ~~means for allowing~~ unit adapted to allow a photographer to select whether storage of the adjusting data by said control ~~means~~ unit is performed or not.

16. (Original) The apparatus according to claim 9, wherein said screen is a monitor screen of an electronic viewfinder.

17. (Currently Amended) The apparatus of claim 1, wherein operation of the exposure control ~~means~~ unit is initiated in response to an exposure detection key.

18. (Canceled.)

19. (Canceled.)

20. (Currently Amended) The apparatus of claim 9, wherein operation of the control ~~means~~ unit is initiated in response to an exposure detection key.
